Mouse BIN3 Monoclonal Antibody | anti-BIN3 antibody

BIN3 antibody

CATALOG #	HOST	APPLICATIONS
AAA106529	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

BIN3; Monoclonal Antibody; BIN3 antibody; Monoclonal BIN3; Anti-BIN3; Bridging integrator 3; MGC14978; BIN 3; BIN-3; anti-BIN3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7D6
Purity/Purification	BIN3 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	253
Applicable Applications for anti-BIN3 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	BIN3 is a member of the BAR domain protein family. The encoded protein is comprised solely of a BARdomain which is predicted to form coiled-coil structures and proposed to mediate dimerization, sense and induce membrane curvature, and bind small GTPases. BAR domain proteins have been implicated in endocytosis, intracellulartransport, and a diverse set of other processes.
Cross-Reactivity	Human
Immunogen	BIN3 antibody was raised in mouse using a full length recombinant protein of human BIN3 (NP_061158) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant BIN3 protein using BIN3 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant BIN3 protein (Right) or empty vector (Left) detected with BIN3 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-BIN3 antibody	Mouse monoclonal BIN3 antibody

Product Categories/Family for anti-BIN3 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	8923904
NCBI GeneID	55909
NCBI Accession #	NP_061158
NCBI GenBank Nucleotide #	NM_018688.4
UniProt Accession #	Q9NQY0; Q9BVG2; Q9NVY9
Molecular Weight	23,218 Da
NCBI Official Full Name	bridging integrator 3
NCBI Official Synonym Full Names	bridging integrator 3
NCBI Official Symbol	BIN3
NCBI Protein Information	bridging integrator 3
UniProt Protein Name	Bridging integrator 3
UniProt Gene Name	**BIN3**
UniProt Entry Name	BIN3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/bin3-antibody-clone-7d6-western-blot-immunofluorescence-flow-cytometry-elisa/106529